

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1-6. (canceled).

7. (New) A device that receives an electronic message from a source device and transmits the electronic message to a target device, comprising:

a receiving unit that receives an electronic message;

a storing unit that stores electronic messages received by the receiving unit during a predetermined duration;

an analyzing unit that analyzes a content of the electronic message and decides whether to merge the electronic messages stored in the storing unit into a merged electronic message before transmitting the electronic message to the target device; and

a merging unit that merges the electronic messages stored in the storing unit into the merged electronic message upon deciding at the analyzing unit to merge the electronic message; and

a transmitting unit that transmits the merged electronic message to the target device.

8. (New) The device according to claim 7, wherein the analyzing unit decides whether to merge the electronic messages based on number of the electronic messages.

9. (New) The device according to claim 7, wherein the analyzing unit decides whether to merge the electronic messages based on a length of each of the electronic messages.

10. (New) The device according to claim 7, wherein the analyzing unit deletes the electronic messages after the merging unit merges the electronic messages into the merged electronic message.

11. (New) The device according to claim 7, wherein the analyzing unit analyzes the content of the electronic message and decides whether to divide the electronic message into a

plurality of parts before transmitting the electronic message to the target device, and
the device further comprises a dividing unit that divides the electronic message into a
plurality of parts upon the an analyzing unit decides to divide the electronic message, and
the transmitting unit transmits the parts to the target device.

12. (New) The device according to claim 11, wherein the analyzing unit decides whether
to divide the electronic message based on a length of the electronic message.

13. (New) The device according to claim 11, wherein the analyzing unit deletes the
electronic message after the dividing unit divides the electronic message.

14. (New) A method for receiving an electronic message from a source device and
transmitting the electronic message to a target device, comprising:

receiving an electronic message;

storing electronic messages received at the receiving during a predetermined duration in a
storing unit;

analyzing a content of the electronic message and deciding whether to merge the
electronic messages stored in the storing unit into a merged electronic message before
transmitting the electronic message to the target device; and

merging the electronic messages stored in the storing unit into the merged electronic
message upon deciding at the analyzing to merge the electronic message; and

transmitting the merged electronic message to the target device.

15. (New) The method according to claim 14, wherein the analyzing includes deciding
whether to merge the electronic messages based on number of the electronic messages.

16. (New) The method according to claim 14, wherein the analyzing includes deciding
whether to merge the electronic messages based on a length of each of the electronic messages.

17. (New) The method according to claim 14, further comprising deleting the electronic
messages after merging the electronic messages at the merging.

18. (New) The method according to claim 14, wherein the analyzing includes analyzing
the content of the electronic message and deciding whether to divide the electronic message into

a plurality of parts before transmitting the electronic message to the target device, and
the method further comprising dividing the electronic message into a plurality of parts
upon deciding at the analyzing to divide the electronic message, and
the transmitting includes transmitting the parts to the target device.

19. (New) The method according to claim 18, wherein the deciding includes deciding
whether to divide the electronic message based on a length of the electronic message.

20. (New) The method according to claim 18, further comprising deleting the electronic
message after the dividing.

21. (New) A computer product that implements on a computer a method for receiving an
electronic message from a source device and transmitting the electronic message to a target
device, the method comprising:

receiving an electronic message;

storing electronic messages received at the receiving during a predetermined duration in a
storing unit;

analyzing a content of the electronic message and deciding whether to merge the
electronic messages stored in the storing unit into a merged electronic message before
transmitting the electronic message to the target device; and

merging the electronic messages stored in the storing unit into the merged electronic
message upon deciding at the analyzing to merge the electronic message; and

transmitting the merged electronic message to the target device.

22. (New) The computer product according to claim 21, wherein the analyzing includes
analyzing the content of the electronic message and deciding whether to divide the electronic
message into a plurality of parts before transmitting the electronic message to the target device,
and

the method further comprising dividing the electronic message into a plurality of parts
upon deciding at the analyzing to divide the electronic message, and

the transmitting includes transmitting the parts to the target device.